



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090636

Mode: Highway

Status: Submitted

NC-43

From/Cross Street: North of Signature Drive

Specific Improvement Type: 1 - Widen Existing Roadway

To: SR 1711 (Worthington Road)

Project Category: Regional Impact

Length: 2.99

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$23,896,000

Description:

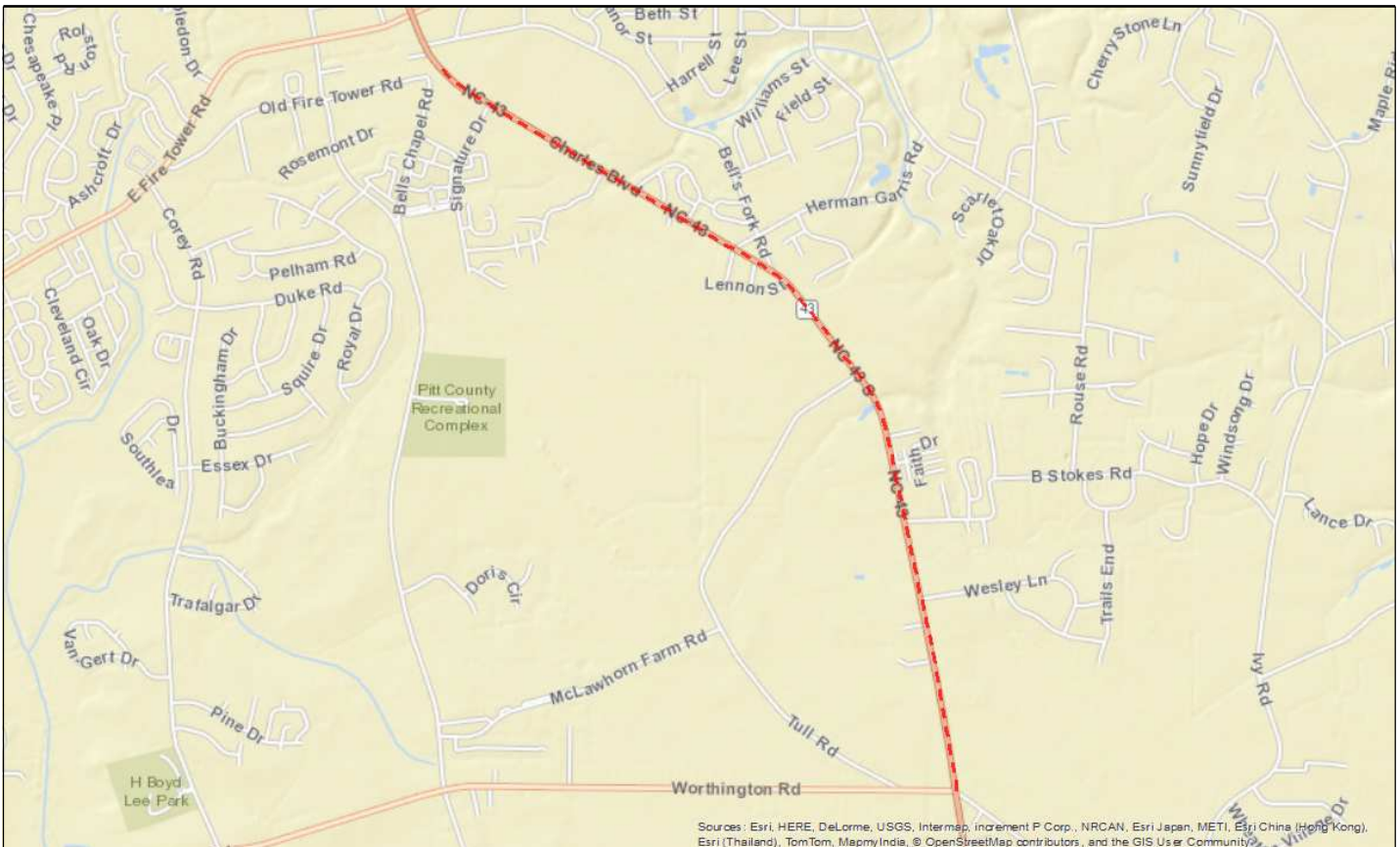
Widen Existing 2-Lane and 3-Lane Roadway to a Multi-Lane Urban Section Facility including Sidewalk, Landscaping, and Bicycle Improvements

Division(s): Division 2

County(s): PITT

MPOS(s)/RPO(s): Greenville Urban Area MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 47.09

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 65.65	Percent: 15%	Percent: 15%
Multimodal + [Freight & Military] (25%) 2.71	Points: 100	Points: 100
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 70% Weighted Score: 17.09		

Division Needs Total Score: 21.49

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 40.46	Percent: 25%	Percent: 25%
Safety (20%) 65.65	Points: 0	Points: 0
Multimodal + [Freight & Military] (10%) 2.71		
Totals: Weight: 50% Weighted Score: 21.49		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	2.99
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
Lane Width:	11
Paved Shoulder Width:	1
Roadway has Curb & Gutter?	No
Volume (AADT):	13596.76
Capacity:	23295.34
Volume/Capacity Ratio:	0.58
% Autos:	96%
% Trucks:	4%
Truck Volume:	542.49
Crash Density:	74.04
Crash Severity:	65.55
Critical Crash Rate:	57.36
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	19
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	83
Actual Congested Speed:	44
Travel Time Index:	1.25

Project Benefits

Project Cross-Section:	4D - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	2.99
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	-1645401.75
Travel Time Savings for 30 Years (Autos):	-1579752.86
Travel Time Savings for 30 Years (Trucks):	-65648.89
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 2

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 2	100%	100	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Greenville Urban Area MPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$22,458,000	TIP Unit
Right-of-Way Cost:	\$1,284,000	Cost Estimation Tool
Utilities Cost:	\$154,000	Cost Estimation Tool
Total Project Cost:	\$23,896,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$23,896,000	